

## ABSTRACT

The present invention provides novel isolated and purified nucleic acid (RNA or DNA) encoding, or complementary to, a canine PepT1 (cPepT1). The present invention also provide a method for determining canine PepT1-

- 5 transportability of a peptide, or method for determining a peptide with beneficial nutritional property in an animal. The present invention further provides a dietary composition for an animal comprising a peptide identified by the method described above.

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